

## [Document Type] ABSTRACT

## [Abstract]

## [Problem to be Solved by the Invention]

Even if the air-fuel ratio of the exhaust gas compared with the theoretical air-fuel ratio is temporarily changed from the lean state to the rich state, in order to regenerate the exhaust gas control device used for deoxidizing and purifying nitrogen oxide in the exhaust gas, the jerky feeling in the running condition of the vehicle is prevented.

## [Means for Solving the Problem]

In the step S251, it is determined whether the lean burn control is being executed. If the result of the determination is "NO", then it is determined whether the rich spike control is being executed in the step S 254. If the result of the determination is "YES", then the high threshold value MASTH and the low threshold value MASTL of the air intake passage pressure assist trigger for when lean burn control is executed.

## [Elected Drawing] Fig. 10